

ASOS MODIFICATION NOTE 61 (for Electronics Technicians)

Engineering Division

W/OSO321:BGM

SUBJECT : Ground To Air (GTA) Radio Removal and Return

PURPOSE : Return of the GTA Radio for 5 Automated Surface Observing System (ASOS) sites.

EQUIPMENT AFFECTED : ASOS GTA Radio (AGTA)

PARTS REQUIRED : None

MOD PROCUREMENT : None

SPECIAL TOOLS REQUIRED : None

EFFECTIVITY : Sites listed in appendix A

TIME REQUIRED : 2.0 hours

EFFECT ON OTHER INSTRUCTIONS : None

AUTHORIZATION : ECP S00930 (FAA057)

GENERAL

ASOS technician(s) are required to remove the GTA radio from the sites listed in appendix A and return them to the National Reconditioning Center (NRC). Fill out and attach an H-14 tag to each GTA radio, including the station identifier from where it was removed. The removal must be coordinated with the Electronics Systems Analyst.

The removal and return of the GTA radio from the 5 sites listed in appendix A is due to the Automatic Terminal Information Service (ATIS) broadcast system being added at the airport. These sites will be connected to the ATIS via the voice port on the back of the Acquisition Control Unit (1AJ9). Refer to Maintenance Note 42 for ASOS to ATIS connections.

PROCEDURE**BEFORE REMOVAL OF THE GTA RADIO**

1. Call the ASOS Operations and Monitoring Center (AOMC) at 1-800-242-8194, and provide notification on which GTA radio you will be performing this modification.

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2. Make the appropriate SYSLOG entries (MAINT-ACT-FMK) for Modification Note 61.
 - a. Log on as **TECH**.
 - b. Key the **MAINT** screen.
 - c. Key the **ACT** page.
 - d. Key **START**.
3. Remove power from the GTA radio.
4. Disconnect the power cord and cable connected to each GTA radio.
5. Pack the power cord and GTA radio, and ship to the NRC.
6. Enter in the SYSLOG that maintenance has been completed.
 - a. Key the **MAINT** screen.
 - b. Key the **ACT** page.
 - c. Key **FMK** - Enter the Field Mod Kit (FMK) number as follows: **Mod 61**.
On the second line of the screen verify that only Mod 61 is displayed. Complete by entering **Y** in the [Y/N] area if only Mod 61 is displayed.
 - d. Check the SYSLOG and verify the FMK message. Enter a comment in the SYSLOG stating that each GTA radio has been removed.

AFTER REMOVAL OF THE GTA RADIO

1. Call the AOMC at 1-800-242-8194 and tell the operator:
 - a. Your location.
 - b. The modification has been completed.
 - c. The GTA radio removal.

Reporting Modification

Target date of this modification is December 15, 1998. Report the completed modification on an National Weather Service (NWS) Form A-26, Maintenance Record, per the instructions in Engineering Handbook No. 4, (EHB-4), Engineering Management Reporting System (EMRS), part 2, appendix F, using reporting code AGTA. Refer to appendix B for a completed sample of NWS Form A-26, Maintenance Record.

John McNulty
Chief, Engineering Division

appendix A - Sites
appendix B - A-26
W/OSO321:b.McCormick:713-1833x120
File:K:\OSO321\ASOS Temps\Mod61D.WPD,updated:9/21/98:src
spellchecked:9/14/98:9/21/98:src

Appendix A

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Sites Required to Remove GTA Radio

SID	City	ST	Region	Airport
FLO	FLORENCE	SC	Eastern	FLORENCE REGIONAL AIRPORT
BSM	BERGSTROM	TX	Southern	AUSTIN-BERGSTROM INTL APT
LAW	LAWTON	OK	Southern	LAWTON-FT. SILL REGIONAL AIRPORT
MCN	MACON	GA	Southern	MIDDLE GEORGIA REGIONAL AIRPORT
SSF	SAN ANTONIO	TX	Southern	STINSON MUNICIPAL AIRPORT

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